REMARKS/ARGUMENTS

1.   In   the   above   referenced   Office   Action,   the
Examiner rejected claims 1-2, 6-7, 11, 13-15, 18-22, 31-33,
36, 42-45, 48-50, 54-55, 59, 61-63, 66, 73, 75 and 77 under
35 USC § 102(e) as being anticipated by Williams (U.S.
Patent No. 6,493,873); claims 8, 28, 41, 56 and 72 under 35
USC § 103(a) as being unpatentable over Williams (U.S.
Patent No. 6,493,873) in view of Official Notice;   claims
3, 9-10, 16-17, 23, 34-35, 46-47, 51, 57-58, 64-65, 69, 78-
79 under 35 USC § 103(a) as being unpatentable over
Williams (U.S. Patent No. 6,493,873) in view of Basawapatna
et al. (U.S. Patent No. 6,598,231); claims 4-5, 24-25, 37-
40,   52-53,   70-71   under   35   USC   §   103(a)   as   being
unpatentable over Williams (U.S. Patent No. 6,493,873) in
view of Rakib (US 20040172658); and claims 12, 30, 60 and
74 under 35 USC § 103(a) as being unpatentable over
Williams (U.S. Patent No. 6,493,873) in view of Hartley
(U.S. Patent No. 6,473,414).

Claims 1, 3-25, 28, 30-36, 38-51, and 53-79 are
currently pending in this application.   Claims 1, 21, 30,
36, 38, 49, 67 have been amended.   Claims 2, 26-27, 29, 37,
and 52 have been cancelled without prejudice.   The
rejections above have been traversed and, as such, the
applicant respectfully requests reconsideration of the
allowability of claims 1, 3-25, 28, 30-36, 38-51, and 53-
79.

2.   As discussed above claim 1 was rejected based on Williams.   Claim 1 has been amended to include material drawn from cancelled claim 2.   In particular, claim 1 as now includes:

    receiving, from a plurality of clients, a plurality of channel selection requests; and

    processing the plurality of channel selection requests to produce the plurality of channel selection commands, wherein the each of the plurality of channel selection commands includes at least one of: last channel selection command, next channel selection command, previous channel selection command, favorite channel selection command, and select channel from user define list.

Williams does not disclose suggest or teach a channel selection command that includes a last channel selection command, a next channel selection command, a previous channel selection command, a favorite channel selection command or a select channel from user define list.   For this reason, Applicant believes that claim 1 and claims 2-20 that depend therefrom, are patentably distinct from the prior art.

3. As discussed above, Claim 21 was rejected based on Williams. Claim 21 has been amended to include the subject matter of claim 29. In rejecting claim 29, the Examiner stated that Williams, "includes a header section and a data section, wherein the header section includes packet sequence number (i.e. PID number) (see col. 13, line 23 to col. 14, lines 14 and figure 3)." Applicant has reviewed this section and Williams as a whole and fails to see a reference to a PID number or packet sequence number. Williams simply does not teach this feature. For this reason, Applicant believes that claim 21 and claims 22-25, 28, and 30-35 that depend therefrom, are patentably distinct from the prior art.

Similarly, Applicant believes that claims 11, 43, 59 and 73 are allowable for this same reason.

4. As discussed above, Claim 36 was rejected based on Williams. Claim 36 has been amended to include the subject matter of claim 37 that was rejected based on the combination of Williams and Rakib. In making this rejection, Examiner makes the following statement,

> Rakib teaches that when the user selects a VOD
> selection from menu in which the pointer lies is
> transmitted via bus 81 to the receiver 82. The
> receiver 82 then uses an IP address of video
> server as a destination addressed and its own IP
> address as a source address and the requested
> selection to create an IP packet bearing the VOD
> request. This packet is then encapsulated into

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an Ethernet packet addressed to gateway 14 and
sent to the gateway. The gateway strips off the
Ethernet header and routes the IP packet to the
appropriate video server.

This particular configuration lacks the "shared bus"
structure of the receiving module of amended claim 36 that
monitors packets on a shared bus to identify a packet that
contains at least a portion of the plurality of channel
selection commands. The receiver 82 of Rakib creates
packets based on data from line 81 that are sent over a
LAN, as opposed to monitoring "packets on a shared bus to
identify a packet that contains at least a portion of the
plurality of channel selection commands".

For this reason, Applicant believes that claim 36, and
claims 38-48 that depend therefrom, are patentably distinct
from the prior art.

Similarly, Applicant believes that claims 4, 24, and
70 are allowable for this same reason.

5. As discussed above, Claim 49 was rejected based on
Williams. Claim 49 has been amended to include the subject
matter from claim 53 that was rejected based on the
combination of Williams and Rakib. As in the rejection of
claim 37 discussed above, the Examiner stated in the
rejection of claim 53:

Rakib teaches that when the user selects a VOD
selection from menu in which the pointer lies is

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transmitted via bus 81 to the receiver 82. The
receiver 82 then uses an IP address of video
server as a destination addressed and its own IP
address as a source address and the requested
selection to create an IP packet bearing the VOD
request. This packet is then encapsulated into
an Ethernet packet addressed to gateway 14 and
sent to the gateway. The gateway strips off the
Ethernet header and routes the IP packet to the
appropriate video server.

However, amended claim 49 now recites:

> "monitoring a shared bus at specific time
> intervals; and

> identifying a data frame at one of the specific
> time intervals that contains at least a portion
> of one of the plurality of channel selection
> commands;"

Both Williams and Rakib entirely lack any teaching relating
to monitoring a shared bus at <u>specific time intervals</u>, or
<u>identifying a data frame at one of the specific time
intervals</u> that contains at least a portion of one of the
plurality of channel selection commands.

For this reason, Applicant believes that claim 49, and
claims 50-51 and 53-66 that depend therefrom, are
patentably distinct from the prior art.

Similarly, Applicant believes that claims 5, 25, and 39-40 and 71 are allowable for this same reason.

6. Claim 67 has been amended to include the following:

"receiving a plurality of channel selection commands, wherein each of the plurality of channel selection commands includes <u>an identity of one of the plurality of sources</u>, and an identity of the channel"

While Williams engages in a vestigial discussion (that may not be an enabling) relating to transmodulating data from alternative sources in Col. 10 lines 40 – 52, Williams does not address, disclose, suggest or teach receiving a plurality of channel selection commands, wherein each of the plurality of channel selection commands includes an identity of one of the plurality of sources, and an identity of the channel.

For this reason, Applicant believes that claim 67, and claims 68-79 that depend therefrom, are patentably distinct from the prior art.

Similarly, Applicant believes that claims 7 and 55 are allowable for this same reason.

For the foregoing reasons, the applicant believes that claims 1, 3-25, 28, 30-36, 38-51, and 53-79 are in condition for allowance and respectfully request that they be passed to allowance.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present invention.

Accompanying this Response is a Petition for a two-month extension of time, together with the appropriate payment for such. The Commissioner is also authorized to charge any additional fees that are required or credit any overpayment to Deposit Account No. 50-1835 (VIXS 004).
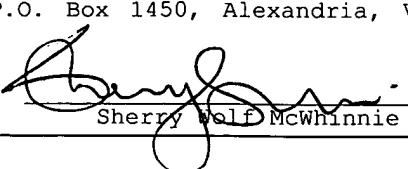
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date below:

March 9, 2006
Date

Sherry Wolf McWhinnie